NOTES: UNLESS OTHERWISE SPECIFIED
1. THIS DRAWING IS NOT FOR CONSTRUCTION UNTIL ENGINEERING HAS REVIEWED AND STAMPED THIS DOCUMENT.
2. DIMENSIONS SHOWN ARE INCHES.
3. THE SELF-BONDING SYSTEM AND SINGLE GROUND LUG IS FOR USE WITH PV MODULES THAT HAVE A MAXIMUM SERIES FUSE RATING OF 30A.
4. MATERIALS ARE AS SPECIFIED OR EQUIVALENT: HARDWARE: 304 STAINLESS STEEL
   FABRICATED EXTRUDED PARTS: 6063-T5 ALUMINUM ALLOY
   FABRICATED DIE CAST PARTS: ANSI AA A380
   ALUMINUM ALLOY
   STEEL PIPE: SCHEDULE 40 GALVANIZED ALUMINUM PIPE: SCHEDULE 10 ANODIZED ALUMINUM
5. THE MAXIMUM PERMISSIBLE LENGTH OF ANY STRUCTURE SHALL BE 200 FT. FOR SYSTEMS USING A SHARED RAIL CONFIGURATION, A THERMAL BREAK IS REQUIRED IN THE RAIL EVERY 40 FT. PER THE DRAWING DETAILS.
6. 4LXN-3LNX-3PDXN-35DEG-GSM-AGM-60A-PGM
7. APPROVED RAIL PROFILES
   A2092-XXX (HR92 RAIL), A2087-001 (END CAP),
   K10343-002 (U-CLAMP KIT),
   A20145-XXX (HR53 RAIL), A20285-001 (END CAP),
   A20234-XXX (HR52 RAIL), A20284-001 (END CAP),
   K10343-001 (U-CLAMP KIT).
8. K10224-XXX END CLAMP KIT OR K10299-XXX ADJ. END CLAMP KIT.
9. FOUNDATION TYPES:
   GSM = GROUND SCREW GROUND MOUNT
   AGM = HELICAL AUGER GROUND MOUNT
   PGM = POST-IN-CONCRETE GROUND MOUNT
   BSM = BALLAST GROUND MOUNT

Vector Engineers requires that we review each site specific install and is not liable for installs at site specific locations we have not reviewed.
NOTES:
1. DIMENSIONS LABELED AS MAX ARE MAXIMUM ALLOWABLE
   AND MAY RESULT IN END POSTS BEING OUTSIDE ARRAY EDGES.
   MAXIMUM DIMENSIONS MAY BE REDUCED IF DESIRED.

RAIL SPACING
LANDSCAPE: PER PANEL MANUFACTURER
PORTRAIT: PANEL WIDTH + 0.25"

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STRUCTURAL ONLY

4L 120 MAX 4-IN-LANDSCAPE
2P 40 MAX 2-IN-PROTRAIT
3L 3-IN-LANDSCAPE
NOTES
1. DIMENSIONS IN TABLE ARE SHOWN AT MAXIMUM TILT & LEADING EDGE HEIGHT. PROJECTS WITH LOWER TILTS & LEADING EDGE HEIGHTS WILL RESULT IN REDUCED DIMENSIONS.
2. MAX DENOTES MAXIMUM PERMISSIBLE DIMENSIONS.
NOTES
1. DIMENSIONS IN TABLE ARE SHOWN AT MAXIMUM TILT & LEADING EDGE HEIGHT PROBLEMS WITH LOWER TILTS & LEADING EDGE HEIGHTS WILL RESULT IN REDUCED DIMENSIONS.
2. MAX DENOTES MAXIMUM PERMISSIBLE DIMENSIONS.
3. K10268-005 (2" PIPE BASE KIT) OR K10302-001 (2" PIPE BASE KIT)

DIMENSIONS

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<th>ITEM</th>
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<th>3L</th>
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POST IN CONCRETE GROUND MOUNT (PGM)

BALLAST GROUND MOUNT (BGM)

117X30X24 in CONCRETE

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STRUCTURAL ONLY

POST BASE VARIES PER NOTE
1 K1879-001 EMBEDDED 2" PIPE CLAMP KIT

SunModo Corp.
651 W. GALANA PKWY, STE. 101
www.vectorks.com
DRAPER, UTAH 84020

07/29/2019